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January 10, 2001

**WRITER'S DIRECT NUMBER:**  
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Commissioner for Patents  
Washington, D.C. 20231

**Box Patent Application**

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. To be assigned; Filed: Herewith  
For: **System, Method, and Computer Program Product for Responding to  
Natural Language Queries**  
Inventors: Galitsky *et al.*  
Our Ref: 1964.0010001

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17) (*in duplicate*);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
3. U.S. Utility Patent Application entitled:

**System, Method, and Computer Program Product for Responding to Natural  
Language Queries**

and naming as inventors:

Commissioner for Patents

January 10, 2001

Page 2

Boris Galitsky

Maxim Grudin

the application consisting of:

- a. A specification containing:
    - i. 29 pages of description prior to the claims;
    - ii. 6 pages of claims (28 claims);
    - iii. a one (1) page abstract;
    - iv. Microfiche Appendix containing computer program listing;
  - b. 16 sheets of drawings: (Figures 1A, 1B, 2, 3, 4, 5A, 5B, 6, 7, 8, 9A, 9B, 9C, 10A, 10B, and 10C); and
  - c. An original executed Declaration;
4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*);
  5. Recordation Form Cover Sheet;
  6. Executed Assignments to IASKWEB, Inc., recordation of which is hereby respectfully requested;
  7. Two (2) return postcards; and
  8. Our check No. 30035 for \$515.00 to cover:
    - \$355.00 Filing fee for patent application;
    - \$40.00 Assignment recordation fee(s); and
    - \$120.00 Fee for excess claims.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee

Commissioner for Patents

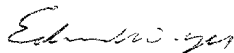
January 10, 2001

Page 3

deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Edward W. Yee  
Attorney for Applicants  
Registration No. 47,294

EWY/dnk  
Enclosures

Please type a sign (+) inside this box →

PTO/SB/05 (11-00)

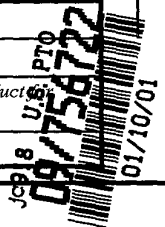
Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	1964.0010001
First Inventor	Boris Galitsky
Title	System, Method, and Computer Program Product Responding to Natural Language Queries
Express Mail Label No.	



## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 36]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 15]
5. ☒ Oath or Declaration [Total Pages 3]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76.
7. ☒ Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on
    - i. ☐ CD-ROM or CD-R (2 copies), or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Two (2) Return Receipt Postcards (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent
17. ☒ Other: Authorization under 37 C.F.R. § 1.136(a)(3)

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No: \_\_\_\_/  
Prior application information: Examiner \_\_\_\_\_ Group/Art Unit. \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

(Insert Customer No.)



or ☐ Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.				
	Attorneys at Law				
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NAME (Print/Type)	Edward W. Yee	Registration No. (Attorney/Agent)	47,294
SIGNATURE	<i>Edward W. Yee</i>	Date	Jan. 10, 2001

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<b>FEE TRANSMITTAL for FY 2001</b>  <i>Patent fees are subject to annual revision.</i>		<b>Complete if Known</b>	
		Application Number	To be assigned
		Filing Date	Herewith
		First Named Inventor	Boris Galitsky
		Examiner Name	To be assigned
		Group Art Unit	To be assigned
TOTAL AMOUNT OF PAYMENT (\$515.00)		Attorney Docket No.	1964.0010001

<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>																																																																																										
<b>1.</b> <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:  Deposit Account Number: 19-0036 Deposit Account Name: Sterne, Kessler, Goldstein & Fox P L L C.  <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17  <input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27  <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other* *Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036		<b>3. ADDITIONAL FEES</b> Large Entity Small Entity  Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee paid 105 130 205 65 Surcharge - late filing fee or oath 127 50 227 25 Surcharge - late provisional filing fee or cover sheet 139 130 139 130 Non-English specification 147 2,520 147 2,520 For filing a request for <i>ex parte</i> reexamination 112 920* 112 920* Requesting publication of SIR prior to Examiner action 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action 115 110 215 55 Extension for reply within first month 116 390 216 195 Extension for reply within second month 117 890 217 445 Extension for reply within third month 118 1,390 218 695 Extension for reply within fourth month 128 1,890 228 945 Extension for reply within fifth month 119 310 219 155 Notice of Appeal 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 138 1,510 138 1,510 Petition to institute a public use proceeding 140 110 240 55 Petition to revive - unavoidable 141 1,240 241 620 Petition to revive - unintentional 142 1,240 242 620 Utility issue fee (or reissue) 143 440 243 220 Design issue fee 144 600 244 300 Plant issue fee 122 130 122 130 Petitions to the Commissioner 123 130 123 130 Petitions related to provisional applications 126 180 126 180 Submission of Information Disclosure Stmt 581 40 481 40 Recording each patent assignment per property (times number of properties) 40 00 146 710 246 355 Filing a submission after final rejection (37 CFR 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 CFR 1.129(b)) 179 710 279 355 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application Other fee (specify): Other fee (specify): *Reduced by Basic Filing Fee Paid																																																																																										
<b>FEE CALCULATION</b> <b>1. BASIC FILING FEE</b> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td>355.00</td></tr><tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5"><b>SUBTOTAL (1)</b></td><td><b>(\$ 355.00)</b></td></tr></tbody></table> <b>2. EXTRA CLAIM FEES</b> <table border="1"><thead><tr><th>Extra</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>Total Claims 28 - 20** = 8</td><td>X 9</td><td>= 40 00</td></tr><tr><td>Indep. Claims 5 - 3** = 2</td><td>X 40</td><td>= 80 00</td></tr><tr><td>Multiple Dependent 0</td><td></td><td>= 00.00</td></tr></tbody></table> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th></tr></thead><tbody><tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td></tr><tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim</td></tr><tr><td>108</td><td>80</td><td>209</td><td>40</td><td>**Reissue independent claims over original patent</td></tr><tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr><tr><td colspan="4"><b>SUBTOTAL (2)</b></td><td><b>(\$ 120.00)</b></td></tr></tbody></table> ** or number previously paid, if greater, For Reissues, see above		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	355	Utility filing fee	355.00	106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee		<b>SUBTOTAL (1)</b>					<b>(\$ 355.00)</b>	Extra	Fee from below	Fee Paid	Total Claims 28 - 20** = 8	X 9	= 40 00	Indep. Claims 5 - 3** = 2	X 40	= 80 00	Multiple Dependent 0		= 00.00	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	80	202	40	Independent claims in excess of 3	104	270	204	135	Multiple dependent claim	108	80	209	40	**Reissue independent claims over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent	<b>SUBTOTAL (2)</b>				<b>(\$ 120.00)</b>	<b>SUBTOTAL (3)</b> (\$ 40 00)	
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Name (Print/Type)	Edward W. Yee	Registration No. (Attorney/Agent)	47,294	Telephone	202-371-2600
Signature	<i>Edward W. Yee</i>	Date	Jan. 10, 2001		

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